

Mechanical Drawing: Board & CAD Techniques

Chapter 19 Map Drafting

Objectives

1. Describe a cartographer's work and some career opportunities.
2. Explain how scales are determined and shown on maps.
3. Identify the various types of maps, such as plats, structural maps, geological sections, block diagrams, and contour maps.
4. Explain the purposes of geological maps, geological sections, and subsurface maps.
6. Produce a contour map with standard symbols using both board-drafting and CAD techniques.
7. Produce a plat using both board-drafting and CAD techniques.